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## Marconi seals deal for T-Com's 40G network

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LONDON — T-Com, the fixed-network unit of Deutsche Telekom, is to use Marconi Corporation plc's Multihaul 3000 platform as the first building block of what is described as Europe's first 40Gbit/s optical network.

Under a three-year framework agreement announced Thursday (Jan. 27) Marconi will supply T-Com with its DWDM transmission platform, operating at 40Gbit/s on each wavelength. The platform will be managed by Marconi's ServiceOn Optical network management system.

The Multihaul 3000 will act as an expressway carrying high-bandwidth traffic between switching nodes in T-Com's network, with a capacity of 3.2 terabits per second on each optical fibre pair.

T-Com's decision to choose Marconi follows its successful involvement in the Global Seamless Network (GSN) research and demonstration project, which ran in 2003.

"This is an important strategic win for Marconi in that it delivers a new platform into a new and prestigious customer," said Mike Parton, CEO, Marconi Corporation plc. "T-Com's decision to choose our Multihaul 3000 and ServiceOn network management system for an advanced 40G optical-based network is a ringing endorsement of our technology and strategy."

The Multihaul 3000 includes a range of reconfigurable optical add/drop multiplexers as well as data, SDH and OTN transponders and muxponders for 2.5G, 10G and 40G bandwidths equipped with full-band tuneable lasers.

The 40G transponders were developed in cooperation with CoreOptics, the Nuremberg, Germany headquartered specialist maker of modules and subsystems for high data rate optical networks.